



US4004487

Bibli

Data

Claims

Page 1

Drawing

esp@cenet

Missile fire-control system and method

Patent Number: US4004487

Publication date: 1977-01-25

Inventor(s): EICHWEBER KURT

Applicant(s): EICHWEBER KURT

Requested Patent: ☐ FR2264265

Application Number: US19750555940 19750306

Priority Number(s): DE19742411790 19740312

IPC Classification: F41F3/04

EC Classification: F41A23/34, F41G3/14, F41G7/00E, F41G7/20, F41G7/22G, F42B12/36C

Equivalents: ☐ CH594866, ☐ DE2411790, ☐ GB1487656

Abstract

A surface-to-surface missile fire control system employing a pilot projectile fired into a predetermined indirect ballistic trajectory monitored by a fire-control station to determine its actual trajectory and actual coordinates of impact and wherein the pilot projectile has a camera for transmitting a target area picture to the fire-control station during its relatively steep descent. A pilot projectile laser directs a laser beam onto the target area surface to show the prospective impact point of the pilot projectile in a target area picture displayed at the fire-control station and a geographic position marking selector is manually operated to pick from the target area display and automatically enter into a fire-control computer the relative geographic coordinates of the projectile impact point and a selected target shown in the display, and the fire-control computer automatically calculates the coordinates of each selected target and aims a live projectile to the selected target in accordance with its calculated coordinates and the actual trajectory of the pilot projectile.

Data supplied from the esp@cenet database - I2